

Abstract of the Disclosure

A motor retractor system includes a first winding device having a motor for driving a shoulder belt in a winding direction, and a second winding device having a tension-applying device for always applying a tension in a winding direction to a lap belt extending from the shoulder belt through a through-tongue. A control unit controls the motor to drive when the through-tongue coupled to the buckle is released from the buckle. Therefore, the shoulder belt can be smoothly pulled out. When the through-tongue is buckled up, an occupant can be restrained by the seat belt with a comfortable force and no slack. When the through-tongue is released from the buckle, the seat belt can be promptly withdrawn to the first winding device.